

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M25/01 A61M25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 500 820 A (ALMEN TORSTEN HAKAN OSKAR) 17 March 1970 (1970-03-17) column 3, line 40 - column 7, line 63; figures	1-13, 44-58
A	WO 00/40288 A (ADVANCED CARDIOVASCULAR SYSTEM) 13 July 2000 (2000-07-13) page 9, line 18 - page 10, line 8; figures 7-9	1,46,47
A	US 5 372 144 A (EUTENEUER CHARLES ET AL) 13 December 1994 (1994-12-13) column 5, line 63 - column 6, line 16; figures	1,46,47
A	EP 0 773 037 A (PACESETTER AB) 14 May 1997 (1997-05-14) abstract; figures	1,46,47
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the International search

19 October 2004

Date of mailing of the International search report

28/10/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 365 942 A (SHANK PETER J) 22 November 1994 (1994-11-22) cited in the application the whole document -----	1, 46, 47

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IE2004/000107

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3500820	A	17-03-1970	SE 325986 B DE 1491628 B1 FR 1485379 A GB 1155442 A	13-07-1970 27-04-1972 16-06-1967 18-06-1969
WO 0040288	A	13-07-2000	US 6464650 B2 AU 2484700 A WO 0040288 A1 US 2003013993 A1 US 6491648 B1	15-10-2002 24-07-2000 13-07-2000 16-01-2003 10-12-2002
US 5372144	A	13-12-1994	NONE	
EP 0773037	A	14-05-1997	DE 69632006 D1 EP 0773037 A2 JP 9164208 A US 5728148 A	06-05-2004 14-05-1997 24-06-1997 17-03-1998
US 5365942	A	22-11-1994	US 5147317 A US RE37148 E1 JP 2575238 B2 JP 4231071 A CA 2056873 A1 EP 0495299 A1 JP 4292175 A	15-09-1992 24-04-2001 22-01-1997 19-08-1992 04-06-1992 22-07-1992 16-10-1992